

INTERVAL SHEET

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VDMR Well No: 1569

Date rec'd: 4/28/66

Sample Interval: from 0' to: 340'

PROP: Lower Tuckahoe #2

Number of samples: 34

COMP: Sydnor Pump & Well Co.

Total Depth: 368'

COUNTY: Goochland (Manakin)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Lower Tuckahoe Land Co., Well #2
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Goochland (Manakin)

VDMR: 1569
WWCR: 49
TOTAL DEPTH: 368'

GEOLOGIC LOG

Depth in feet

0-10	Soil - tan; silty loam with some pebbles
10-20	Silty Sand - tan; fine- to coarse-grained with a few fragments as large as 20 mm; angular fragments of quartz, feldspar, quartzite, shale, sandstone and chert; some silt, very little clay
20-30	Sand - tan; medium- to coarse-grained; angular fragments of quartz, feldspar, mica, shale and sandstone; very little silt or clay
30-40	Siltstone - dark purplish-gray; slightly sandy with minor clay-size grains; slightly fissile, micaceous and calcareous; trace of pyrite
40-50	"
50-60	"
60-70	"
70-80	Silty Shale - dark gray; silty and very slightly sandy; fairly fissile, fair parting; soft; slightly calcareous and micaceous; fragments of fossil impressions
80-90	"
90-100	Silty Sandstone - light gray; very fine-grained, sand portion is mostly quartz, biotite, muscovite and feldspar; slightly calcareous
100-110	"
110-120	"
120-130	"
130-140	"
140-150	" with 80% dark-gray, silty, fairly-fissile, soft, carboniferous shale; fragments of fossil impressions

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150-160	Silty Sandstone - light gray; very fine-grained, sand portion is mostly quartz, biotite, muscovite and feldspar; slightly calcareous with 80% dark-gray, silty, fairly-fissile, soft, carboniferous shale; fragments of fossil impressions
160-170	"
170-180	" with 40% dark-gray, slightly-fissile, carboniferous siltstone
180-190	Shale - dark gray; silty, with some sand and clay-size grains; slightly fissile to fissile; slightly carboniferous; few fossil impressions
190-200	Sandstone - light gray; silty, poorly consolidated; angular to sub-angular, fine- to very fine-grained quartz, biotite, muscovite and feldspar; traces of chlorite and epidote; with 5% dark-gray shale fragments
200-210	" with 60% dark-gray shale
210-220	" "
220-230	" with 10% dark-gray shale; more biotite
230-240	Shale - gray to dark-gray; silty and sandy; fissile, soft, carboniferous; fragments of fossil impressions
240-250	Sandstone - dark gray; silty; fine-grained to very fine-grained, angular to subangular; quartz, biotite, feldspar, chlorite, and minor calcite
250-260	"
260-270	"
270-280	"
280-290	" with 5% black, carboniferous shale
290-300	" gray; less biotite
300-310	" "
310-320	Shale - black, silty and sandy; poorly fissile, soft, carboniferous; some fossil impressions; slightly calcareous and micaceous
320-330	" fine- to medium-grained; more fissile
330-340	" "
340-368	No samples

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GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Newark Group	Triassic

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
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